

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	((("4061724") or ("4073865") or ("3702948") or ("re29948") or ("3709979") or ("4717748") or ("4076872") or ("4016425") or ("4251499")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 13:06
L2	0	1 and mww	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L3	0	2 and al/si	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L4	0	2 and si/al	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L5	0	2 and silicon and aluminum	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L6	0	1 and al/si	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L7	0	1 and si/al	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L8	3	1 and silicon and aluminum	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 13:07
L10	10	((("6156950") or ("6734133") or ("6069289") or ("20030196931") or ("5321194") or ("4855529") or ("5352354") or ("6353144") or ("5146029") or ("6407305")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 14:36
S1	4	((("6069289") or ("6281406") or ("20020045793") or ("5107052")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 08:20
S2	5375	((585/802,820,738,734,736,822,825,830) or (95/90) or (203/41) or (208/310) or (210/656)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 08:31
S3	3055	S2 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:31
S4	849	S3 and (zeolite or absorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:32

S5	1057	S3 and (zeolite or absorbent or sorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:32
S6	4	S5 and Mww	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:33
S7	45	S5 and MCM	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:33
S8	17	S5 and MCM "22"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:34
S9	284	S5 and (mono or iso)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:36
S10	34	S5 and mono and iso and linear	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:37
S11	19	S3 and (zeolite or absorbent or sorbent) same selectivity same (mono or iso or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:45
S12	34	("3122494"   "3205166"   "3696107"   "3723302"   "4006197"   "4031151"   "4031155"   "4031156"   "4036745"   "4783574"   "4804802"   "4855529"   "5026951"   "5043525"   "5059741"   "5146037"   "5245102"   "5405534"   "5510564"   "5530172"   "5530173"   "5744683"   "5744684"   "5763730"   "5770783").PN. OR ("6069289").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:48
S13	1403	S3 and (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:56
S14	17	S13 and MCM "22"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:56
S15	4	S13 and Mww	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:56
S16	4	S3 and mww	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:56
S17	17	S3 and mcm "22"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:57
S18	1838	mcm "22" or mww	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:57

S19	981	S18 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:57
S20	921	S19 and (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:58
S21	46	S19 and (zeolite or absorbent or sorbent) same selectivity same (mono or iso or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 08:58
S22	21	(US-20020107427-\$ or US-20020049359-\$ or US-20020037805-\$).did. or (US-6407305-\$ or US-6118036-\$ or US-6069289-\$ or US-4309281-\$ or US-4133842-\$ or US-7262332-\$ or US-6781025-\$ or US-5629463-\$ or US-5457254-\$ or US-5352354-\$ or US-5321194-\$ or US-5264635-\$ or US-5243090-\$ or US-5233101-\$ or US-5160424-\$ or US-5146029-\$ or US-5100534-\$ or US-5034563-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/01/24 11:19
S23	21	S22 and (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 11:19
S24	7	S22 and (absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 11:20
S25	7	((("4992606") or ("4954325") or ("5039640") or ("4439409") or ("3702886") or ("4962256"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 11:23
S26	6	S25 and (absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 11:23
S27	20	((("20060241330") or ("4956521") or ("6222088") or ("5770783") or ("6118036") or ("5530172") or ("5744683") or ("6338791") or ("6448458") or ("5055634") or ("5055633") or ("6281390") or ("5763730") or ("5414192") or ("5476985") or ("4792639") or ("5811630") or ("5530173") or ("5914434") or ("4544795"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 12:38
S28	19	S27 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 12:44
S29	15	S28 and (absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 12:45
S30	5375	((585/802,820,738,734,736,822,825,830) or (95/90) or (203/41) or (208/310) or (210/656)).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 12:46

S31	3055	S30 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 12:46
S32	25	S31 and (adsorbent or absorbent or sorbent) same selectivity same (mono or iso or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 12:46
S33	34	("3122494"   "3205166"   "3696107"   "3723302"   "4006197"   "4031151"   "4031155"   "4031156"   "4036745"   "4783574"   "4804802"   "4855529"   "5026951"   "5043525"   "5059741"   "5146037"   "5245102"   "5405534"   "5510564"   "5530172"   "5530173"   "5744683"   "5744684"   "5763730"   "5770783").PN. OR ("6069289").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 12:52
S34	2	S29 and (adsorbent or absorbent or sorbent) same selectivity same (mono or iso or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 12:58
S35	27	(adsorbent or absorbent or sorbent) with selectivity with (iso or monomethyl or mono or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:22
S36	13	S35 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:22
S37	35	("2935539"   "2966528"   "2985589"   "3040777"   "3422848"   "3442794"   "3706813"   "3755144"   "3888939"   "4310440"   "4440871"   "4567029"   "4717784"   "4758419"   "4804803"   "4834958"   "4855529").PN. OR ("5107052").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:25
S38	1140	MCM "22" and (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:46
S39	1018	MCM "22" same (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:46
S40	855	MCM "22" with (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:46
S41	66	S40 and (linear or normal) same (iso or mono or monomethyl) and branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:47
S42	195	S40 and (linear or normal) same (iso or mono or monomethyl or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:47
S43	36	S41 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:48

S44	8	S40 same (linear or normal) same (iso or mono or monomethyl or branched)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:49
S45	7	S44 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:49
S46	676	MCM "22" same (zeolite or absorbent or sorbent or adsorbent) same (catalyst or catalytic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:53
S47	1	MCM "22" same (zeolite or absorbent or sorbent or adsorbent) same (catalyst or catalytic) same (non aromatic hydrocarbon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:54
S48	482	S46 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:54
S49	100	MCM "22" same (zeolite or absorbent or sorbent or adsorbent) same (catalyst or catalytic) same (hydrocarbon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:54
S50	62	S49 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:55
S51	1	S50 and non aromatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:55
S52	6	MCM "22" same (absorbent or sorbent or adsorbent) same (catalyst or catalytic) same (hydrocarbon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:57
S53	2	S52 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:58
S54	6	(MCM "22" or Mww) same (absorbent or sorbent or adsorbent) same (catalyst or catalytic) same (hydrocarbon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:59
S55	2	S54 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 13:59
S56	35	S50 not aromatic.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 14:00
S57	30	MCM "22" same (absorbent or sorbent or adsorbent) same (catalyst or catalytic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 14:06
S58	26	S57 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 14:06

S59	16	S58 not aromatic.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/24 14:07
S60	0	10-2005016857\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/04 13:27
S61	2	wo-2005016857\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/04 13:27
S62	2	"7037422".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/04 13:36
S63	0	"2002080862".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 13:39
S64	1	"20020080862".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 13:39
S65	1	"20020043480".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 13:41
S66	1	"4309281".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:16
S67	5377	((585/802,820,738,734,736,822,825,830) or (95/90) or (203/41) or (208/310) or (210/656)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 15:19
S68	3056	S67 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:19
S69	7	S68 and (separating or separated or separate) same mono branched same (adsorbent or absorbent or sorbent or zeolite) and hydrocarbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:20

S70	6	S68 and (separating or separated or separate) same mono branched same (adsorbent or absorbent or sorbent or zeolite) same hydrocarbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:20
S71	5	("4717784"   "5055633"   "5107259").PN. OR ("6156950").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:25
S72	0	S71 and mono branched same (adsorbent or absorbent or sorbent or zeolite) same hydrocarbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:25
S73	0	S71 and mono branched same (adsorbent or absorbent or sorbent or zeolite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:26
S74	1	S71 and mono branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:26
S75	29	((("4717784") or ("4956521") or ("5233120") or ("5055633") or ("4367364") or ("4517402") or ("4804802") or ("4717784") or ("3702886") or ("4108881") or ("4076842") or ("4016245") or ("5055633") or ("3030181") or ("2950952") or ("4310440") or ("4567027") or ("4804802") or ("4717784") or ("3702886") or ("4108881") or ("5055633") or ("4061724") or ("4073865") or ("4016245") or ("3702948") or ("re29948") or ("3709979") or ("4717748") or ("4076872") or ("4016425") or ("4251499") or ("5055633") or ("5055634"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/04 15:51
S76	0	S75 and MCM "22"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:51
S77	2	mcm "22" and (linear or straight) and (mono and multi) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:52
S78	1	S77 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 15:52
S79	3	MWW and (linear or straight) and (mono and multi) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:15
S80	1	S79 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:15
S81	37	MWW and (linear or straight) and ((mono or monobranched) and (multi or multibranched)) and (adsorbent or absorbent or sorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:17

S82	21	S81 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:18
S83	7	(Absorbent or adsorbent or sorbent) same (linear or straight) same (mono and multi) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:30
S84	5	S83 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:31
S85	0	S75 and (mww or mcm "22")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:32
S86	1151	mcm "22"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:32
S87	36	S86 and (linear or straight) and ((mono or monobranched) and (multi or multibranched)) and (adsorbent or absorbent or sorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:33
S88	22	S87 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:33
S89	2	S86 and (linear or straight) and (mono and multi) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 16:34
S90	93741	mcm22 or mcm "22" or mcm\$22	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:09
S91	2116	S90 same (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:09
S92	1317	S91 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:09
S93	0	S92 and (linear or straight) and (mono and multi) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:10
S94	0	S92 and (mono and multi) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:10
S95	1168	mcm22 or mcm "22" or mcm022	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:11
S96	1035	S95 same (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:11
S97	717	S96 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:11



S98	5	S97 and (mono or iso) branched	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:11
S99	36	mww and (linear or straight or (normal or n) (olefin or paraffin)) and (((mono or iso) (branched or olefin or paraffin)) or monoolefin or isoolefin or monoparaffin or isoparaffin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:16
S100	18	S99 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:17
S101	8	((("4717784") or ("4804802") or ("4855529") or ("4982048") or ("4982052") or ("4956521") or ("5055633") or ("5055634"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 08:21
S102	9	(mcm "22").ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:45
S103	6	S102 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:45
S104	3	((("4444871") or ("4310440") or ("4567027"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 08:48
S105	0	S104 and MWW	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 08:52
S106	1	"4954325".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:18
S107	15	((("5043525") or ("4031151") or ("4031156") or ("4031155") or ("4036745") or ("4006197") or ("3723302") or ("3696107") or ("5510564") or ("3205166") or ("5405534") or ("5530173") or ("5530172"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 09:21
S108	0	S107 and mcm "22"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:21
S109	0	S107 and (mcm "22" or mcm22 or mcm022 or mww)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:21
S110	0	S107 and (mcm22 or mcm022 or mww or ssz-25 or erb-1 or psh-3 or itq-1)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:24
S111	0	S107 same (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:24

S112	13	S107 and (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:24
S113	3	S112 and silicon and aluminum	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:25
S114	6	S102 and (silicate same (Mcm-22))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:28
S115	1	S102 and (silicate with (Mcm-22))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:28
S116	96	(silicate with (Mcm-22))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:29
S117	737031	"96" and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:29
S118	67	S116 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:29
S119	75	S116 same (zeolite or absorbent or sorbent or adsorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:30
S120	56	S119 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:30
S121	45	(silicalite with (Mcm-22))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:31
S122	17	S121 and @ad<"20030818"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/05 09:32

2/5/2008 2:36:34 PM

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